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		US	5,897,995	4/27/99	_	Vroemen et al	/		7		
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INITIALS	CITE Number-Kind Codez (* known) NO.			MM-DD-YYYY	Document	Relevant Passages or Relevant Figures Appear					
	<del></del>	us	6,059,946	05/09/2000	Yugawa, et al.	<del>-</del>					
		US	5,424,204	06/13/1995	Aoyama, et al.						
		US	5,820,551	10/13/1998	Hill, et al.		1				
		US	5,682,884	11/04/1997	Hill, et al.						
		US	5,554,339	09/10/1996	Cozzette, et al.						
		US	5,466,575	11/14/1995	Cozzette, et al.						
		US	5,334,508	08/02/1994	Hoenes	Hoenes					
		US	4,711,245	12/08/1987	Higgins, et al.	Higgins, et al.					
		US	5,762,770	06/09/1908	/						
	B1	US	6,270,637	08/07/2001		Crismore, et al.					
		US	4,545,382	10/98/1985		Higgins, et al.					
		US	6,071,391	08/06/2000		Gotoh, et al.			<del></del>		
		US	6,025,203	/02/15/2000		Vetter, et al.			<del></del>		
		US	5,378,628	01/03/1995		Gratzel, et al.					
		US	5,804,047	09/08/1998	Karube, et al.		ļ				
		US	6,077,660	06/20/2000	Wong, et al.	<del>.,</del>					
	<u></u>	US	5,997,817	12/07/1999	Crismore, et al		ــــــــــــــــــــــــــــــــــــــ		<del> </del>		
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			JP 10-227755	08/25/1998				Х			
			EP 0 744 466 A2	11/27/1996	Azzoni, et al.						
			₹P 0 735 363 A1	10/02/1996	Yoshioka, et al.	Yoshioka, et al.					
			EP 0 636 879 A2	02/01/1995	Yamamoto, et al.						
		I	EP 0 502 504 A1	09/09/1992	Yoshioka, et al.			<u> </u>			
			EP 0 872 728 A1	10/21/1998	Yukawa, et al.						
	$\overline{Z}$		JP 9-140378	06/03/1997	Adachi, et al.			abstract			
			EP 0 357 027 A2	03/07/1990	Hayashi, et al.	<u> </u>		L			
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Applicants' requested corrections were already made by handwriting to the 1449 of June 26, 2003. an 10/15/04



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		С			ide Copolymers in Clinical Analysis" Chemia Stosowana (1990),34 (1-2, 11-22).						
					dase: an Ideal Enzyme" Biosenso						
		İ	A	pplications of Quir	s Glucose Dehydrogenase and Al oproteins, ed. Victor L. Davidson	1992) 47-63.					
		S	Ferricyanide	s an Oxidising S	ns on the Performance of a Glucose-Sensitive ENFET Using Potassium bstrate* Sensors and Actuators B 26-27 (1995) 432-435.						
		<u> </u>	CAPI		et al. "Biosensor for Microanalysis "10 MARIKO, et al. "Biosensor."	al. "Biosensor for Microanalysis of Body Fluids."					
			<del>/</del>			D MARIKO, et al. "Biosensor."  /clopedia of Reagents for Organic Synthesis.					
		-			ncyclopedia of Molecular Biology		edicine.	<del></del>			
			GOODWIN, et al. ""The Bir	ochemistry, Physic Microbial Phys	ology and Genetics of PQQ and Pology vol.40, ed. R.K. Poole (199	QQ-containing E	nzymes" A	dvances in			
		YO	SHIOKA, et al. "Disposable	Biosensor Based	on Bioelectrochemistry" National 71-75.	Technical Repor	t vol.42 no	.2 (April 199	6)		
		-			onal Cyclodextrin: a New Class of Phenom. Mol. Recognit, Chem. (19			ng of .beta			
		CA	IFLUS TAKAHASHI, et al.		ase Inhibitor, Validoxylamine A, o cool. (1995), 30(1, 231-239).	n Three Species	of Flies" A	ppl. Entomo	ł.		
				1997, J. Bioch	Bivalent Metal Specificity of Pyrrold m. Mol. Biol. & Biophys., Vol. 1, pp	89-93.					
		W	TARO, et al. "Secondary St		roloquinoline Quinone Glucose Dehy Biophys., Vol. 1, pp. 209-213.	oloquinoline Quinone Glucose Dehydrogenase" 1999, J. Biochem. Mol. Biol. & iophys., Vol. 1, pp. 209-213.					
/		EX	AMINER		DATE CONSIDERED						

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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			Biotechno	s The EDTA Tolerance of Escherich logy Letters, Vol. 16, No. 5, pp. 455-	460.					
		WITARO, et al. "Site-Directed Mutagenesis Study on the Thermal Stability of a Chimeric PQQ Glucose Dehydrogenase and Its Structural Interpretation" 1999, Applied Biochemistry and Biotechnology, Vol. 77-79, pp. 159-168.  LAURINAVICIUS, et al. "Oxygen Insensitive Glucose Biosensor Based on PQQ-Dependent Glucose Dehydrogenase" 1999, Analytical								
			/	etters, Vol. 32(2), pp. 299-316.						
		Binding Process	of PQQ to the Apoer	d Quinoprotein D-Glucose Dehydrog nzymes 1995, Biosci. Biotech. Bioch	em, Vol. 59(8), j	ър. 1548-155	5.	The		
			Charagterization" 19	cose Dehydrogenase from Pseudomonas sp.: Solubilization, purification and 0, Agric. Biol. Chem, Vol. 44(7), pp. 1505-1512.						
			De1986, A	f the Quinoprotein D-Glucose Dehydrogenase Apoenzyme from Escherichia coli" ric. Biol. Chem., Vol. 50(1), pp. 49-57.						
			Agric. 1	Gluconobacter suboxydans: Soubiliza Biol. Chem., Vol. 45(4), pp. 851-861	•					
				ium anitratum: an Enzyme with a No pp. 3630-3639.						
			Biotechnolog	nsor Utilizing an Organic Solvent and y and Bioengineering, Vol. 42, pp. 25	51-254.			93,		
		Externally Added Pyri	roloquinoline Quino	Vivo Reconstitution of Glucose Deb ne" 1998, Journal of Electroanalytica	I Chemistry, Vo	l. 449, pp. 21	9-224.			
				se and its Application in an Ampero 2, pp. 71-87.						
		Oxidation of B-D-Glucose by	/ Soluble, Quinoprot	nsfer, and Rate-Determining Tautome ein Glucose Dehydrogenase" 2000, E	Biochemistry 200	10, Vol. 39 pp	. 9384-9392.			
		1	EDTA Tolerance", 1	Chimeric Escherichia Coli PQQ Gluc 997, Denki Kagaku, Vol. 65, No. 6,	pp. 444-451.			ased		
		YAMAZAKI, et al. "Increa	sed Thermal Stabilit Biotech	y of Glucose Dehydrogenase by Cros mology Letters, Vol. 21, pp. 199-202	ss-Linking Chen	ical Modific	ation" 1999,			
		EXAMINER		•	DATE CONSI	DERED				

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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## See 1449 (06/26/03)

SHEET 4 OF 5 ATTY. DOCKET NO. SERIAL NO. INFORMATION DISCLOSURE 43888-098 09/807.692 CITATION IN AN APPLICATION APPLICANT Motokazu WATANABE, et al. GROUP FILING DATE (PTO-1449) 1/53 April 17, 2001 U.S. PATENT DOCUMENTS Pages, Columns, Lines, Where Relevant Document Number Name of Patentee or Applicant of Cited **EXAMINER'S Publication Date** Passages or Relevant Figures Appear MM-DD-YYYY Document INITIALS CITE Number-Kind Codes (# known) US FOREIGN PATENT DOCUMENTS Translation Name of Patentee or Applicant Pages, Columns, Lines Publication Date EXAMINER'S Foreign Patent Document of Cited Docum Where Relevant Figures INITIALS CITE Country Codes -Number 4 -Kind Codes (If known) MM-DD-YYYY Appear OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) Include name of the author (in CAPITAL LETTERS), title of the antide (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. **EXAMINER'S** INITIALS CITE SODE, at al. "Construction and Characterization of Linked-Dimeric Pytroloquinoline Quinone Glucose Dehydrogenase" 1999, Biotechnology Letters, Vol. 21, pp. 707-710. SODE, et al. "Stablization of Pyrroloquinoline Quinone Glucose Dehydrogenase By Cross-Linking Chemical Modification" 1996, Biotecknology Letters, Vol. 18, No. 9, pp. 997-1002. SODE, et al. "Preparation of Lyophilized Pyroloquinoline Quinone Glucose Dehydrogenase Using Trehalose As An Additive" 1997, Bioechnology Techniques, Vol. 11, No. 8, pp. 577-580. SODE, at al. "Over Expression of PQQ Glucose Dehydrogenase in Escherichia Coli Under Holo Enzyme Forming Condition" 1994, Vol. 16, No. 12 , pp. 1265-1268. SODE, at al. "Elucidation of The Region Responsible For Edta Tolerance In PQQ Gluccose Dehydrogenases By Construction Escherichia Coli and Acinetobacter Calcoacetigus Chimeric Enzymes" 1995, Biochemical and Biophysical Research Communications, Vol. 211, No. 1, pp. 268-273. SODE, et al, "A Novel Thermostable Glucose Dehydrogenase Varying Temperature Properties By Altering Its Quaternary Structures" 1996, Enzyme and Microbial Technology, Vol. 19, pp. 82-85. SODE, at al, "Thermostatic Chimeric PQQ Glucose Dehydrogenase" 1995, Federation of European Biochemical Societies Letters, Vol. 364, pp. 325-327. eased Production of Recombinant Pyrroloquinoline Quinone (PQQ) Glucose Dehydrogenase By Metabolically SODE, at al. "In-Engino red Escherichia Coli Strain Capable of PQQ Biosynthesis" 1996, Journal of Biotechnology, pp. 239-243. SODE, at al. Effect of PQQ Glucose Dehydrogenase Overexpression In Escherichia Coli On Sugar-Dependent Respiration" 1995, Journal of Biotechnology, Vol. 43, pp. 41-44. OORN, ct al. "Negative Cooperativity In The Steady-State Kinetics of Sugar Oxidation By Soluble Quinoprotein Glucose Dehydrogenase From Acinetobacter Calcoaceticus" 1998, Eur. J. Biochem, pp. 255-261. MABATN, et al. "High Current Density "Wired" Quinoprotein Glucose Dehydrogenase Electrode" 1993, Analytical Chemistry, Vol. 65, No. 3, pp. 238-241. SHIDA, et al. "Engineering a Chimeric Pyrroloquinoline Quinone Glucose Dehydrogenase: improvement of EDTA tolerance, thermal stability and substrate specificity" 1999, Protein Engineering, Vol. 12, No. 1, pp. 63-70. SODE, et al. "Improved Substrate Specificity and Dynamic Range For Glucose Measurement of Escherichia Coli PQQ Glucose Dehydrogenase By Site Directed Mutagenesis" 1997, Biotechnology Letters, Vol. 19, No. 11, pp. 1073-1077. YAMAZAKI, et al. "Subunit Analyses of a Novel Thermostable Glucose Dehydrogenase Showing Deifferent Temperature Properties According to Its Quaternary Structure" 1999 Applied Biochemistry and Biotechnology, Vol. 77-79, pp. 325-335.

\*EXAMINER: /hitial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

DATE CONSIDERED

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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SHEET & OF 5 ATTY, DOCKET NO. SERIAL NO. INFORMATION DISCLOSURE 09/807.692 43888-098 CITATION IN AN APPLICATION **APPLICANT** Motokazu WATANABE, et al. **GP/OUP** FILING DATE (PTO-1449) April 17, 2001 *1*753 **U.S. PATENT DOCUMENTS** Name of Patentee or Applicant of Cited Pages, Columns, Lines, Where Relevant Publication Date Document Number **EXAMINER'S** Passages or Relevant Figures Appear Document MM-DD-YYYY INITIALS CITE Number-Kind Codez (# known NO. US FOREIGN PATENT DOCUMENTS Name of Patentee of Pagos, Columns, Lines Translation Publication Date **EXAMINER'S** Foreign Patent Document of Cited Document Where Relevant Figures INITIALS Country Codes -Number 4 -Kind Codes (# known) MM-DD-YYYY CITE Appear Yes No OTHER ART (Including Author, Title, Date, Perlinent Pages, Etc.) include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, **EXAMINER'S** serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published INITIALS CITE DOKTER, et al. "Cytochrome b-562 from Acine bacter Calcoaceticus L.M.D. 79.41" 1988, Biochem J., Vol. 254, pp. 131-138. SODE, et al. "Isolation of a Marine Bacterial Pyroloquinoline Quinone-Dependent Glucose Dehydrogenase" 1995, J. Mar. Biotechnol, Vol. 2, pp. 214-218. GEERLOF, et al. "Haem-Containing Prytein Complexes of Acinetobacter Calcoaceticus As Secondary Electron Acceptors for Quinoprotein Glucoso Dehydrogenase" 1989, Antonie van Leeuwenhoek, Vol. 56, pp. 81-84. JIN, et al. "PQQ as Redox Shuttle for Quinoprotein Glucose Dehydrogenase" 1998, Biol. Chem., Vol. 379, pp. 1207-1211. HAUGE, Jens G. "Kinetics and Specificity of Glucose Dehydrogenase From Bacterium Anitratum" 1960, Biochim. biophys. Acta, Vol. 45, pp. 263-269. OUBRIE, et al. "The 1.7 A Crystal Structure of the Apo Form of the Soluble Quinoprotein Glucose Dehydrogenase from Acinetobacter calcoacetus Reveals a Novel Internal Conserve Sequence Repeat" 1999, Vol. 289, pp. 319-333. HAUGE, Jens G. "Purification and Properties of Glucose Dehydrogenase and Cytochrome b from Bacterium Anitratum" 1960, Biochim. Biophys. Acta, Vol. 45, pp. 250-262. WANNER, et al. "First Experimental Structure of a 1:1 Metal Complex with a PPQ Cofactor Derivative Ouside Dehydrogenase Enzymes" 1999, Inorganic Chemistry, Vol. 38, No. 11, pp. 2753-2755. Reconstitution of Membrane -Integrated Quinoprotein Glucose Dehydrogenase Apoenzyme with PQQ and the DEWANTI, et al Holoenzyme's Mechanism of Action" 1998, Biochemistry, Vol. 37, No. 19, pp. 6810-6818. ALKASKAWI, et al. "A Redox Hydrogel Integrated PQQ-Glucose Dehydrogenase Based Glucose Electrode" 1999, Anal. Communication, Vol. 36, pp. 395-398. MOR, of al. "Assay of Glucose Using an Electrochemical Enzymatic Sensor" 1977, Analytical Biochemistry, Vol. 79, pp. 319-328. DUNE, et al. "Glucose Dehydrogenase From Acinetobacter Calcoaceticus" FEBS Letters, 1979, Vol. 108, No. 2, pp. 443-446. ISWANTINI, et al. "Electrochemical Measurements of Glucose Dehydrogenase Activity Exhibited By Escherichia Coli Cells; Effects of Additions of Pyrroloquinoline Quinone, Magnesium or Calcium Ions and Ethylenediaminetetraacetic Acid" 1998, Bioclectrochemistry and Bioenergetics, Vol. 46, pp. 249-254. MATSUSHITA, et al. "Quinoprotein D-glucose Dehydrogenases in Acinetobacter Calcoaceticus LMD 79:41: Purification and Characterization of the Membrane-Bound Enzyme Distinct from the Soluble Enzyme" 1989, Antonie van Leeuwenhoek, Vol. 56, pp. 63-72. COZIER, et al. "Structure of the Quinoprotein Glucose Dehydrogenase of Escherichia Coli Modelled on that of Methanol Dehydrogenase from Methylobacterium Extorquens" 1995, Biochem. J., Vol. 312, pp. 679-685. SODE, et al. "Preparation of Lyophilized Pyrroloquinoline Quinone Glucose Dehydrogenase Using Trehalose as an Additive" 1997 Biotechnology Techniques Vol. 11, No. 8, pp. 577-580. 'Glucose Oxidase" Toyobo Enzymes (1998). DATE CONSIDERED **EXAMINER** 

EXAMINER: initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

SERIAL NO. O9/807,692AN 14 2004 INFORMATION DISCLOSURE ATTY. DOCKET NO. 43888-098 CITATION IN AN **APPLICATION APPLICANT** Motokazu WATANABE, et al. FILING DATE GROUP (PTO-1449) April 17, 2001 1753 U.S. PATENT DOCUMENTS **EXAMINER'S** Document Number **Publication Date** Name of Patentee or Applicant of Cited Pages, Columns, Lines, Where Document Relevant Passages or Relevant INITIALS MM-DD-YYYY CITE Number-Kind Codez (it known) Figures Appear Cin US 5,897,995 4/27/99 Vroemen et al. 7/4/78 Ogawa et al. US 4,098,972 US US U\$ US US US US US US US US US FOREIGN PATENT DOCUMENTS EXAMINER'S Foreign Patent Document **Publication Date** Name of Patentee or Pages, Columns, Lines Translation INITIALS Applicant of Cited Document Where Relevant Country Code: -Number +-Kind Codes (# knawn) CITE MM-DD-YYYY Figures Appear NO. No Yes OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, **EXAMINER'S** INITIALS journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where CITE published.

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		US	5,897,995	4/27/99			Vroemen et al.			· · · · · · · · · · · · · · · · · · ·	
	1	US	4,098,972	7/4/78		Ogawa et al.					
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